

Alignment of NFR5 polypeptides

SEQ ID NO 8 with SEQ ID NOs 15, 32, 40, and 48

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SEQ40	DVSMGLQYMHEHAYPRIVHRDITSSNILLDSNFKA KIANFSMARTFTNPMMSKIDVFAFG
SEQ48	DVAMGLQYMHEHAYPRIVHRDITSSNILLDSNFKA KIANFSMARTFTNPMMPKIDVFAFG
SEQ/8	DVAVGLQYMHEHTYPRIIHRDITTSNILLDSNFKA KIANFSMARTSTNPMMPKIDVFAFG
SEQ15	DVAVGLQYMHEHTYPRIIHRDITTSNILLDSNFKA KIANFSMARTSTNPMMPKIDVFAFG
SEQ32	DVAIGLQYMHEHTYPRIIHRDITTSNILLGSNFKA KIANFGMARTSTNSNMPKIDVFAFG ***:*****:*****:*****:*****.*****.*****.**.*****
SEQ40	VVLLIELLTGRKAMTTKENGEVVMLWKDIWKIFDQ EEENREERLRKWMDPKLDNYYPIDYAL
SEQ48	VVLLIELLTGRKAMTTKENGEVVMLWKDIWKIFDQ EEENREERLRKWMDPKLESYYYPIDYAL
SEQ/8	VVLLIELLTGRKAMTTKENGEVVMLWKDMEIFD DIEENREERIRKWMDPNLESFYHIDNAL
SEQ15	VVLLIELLTGKKAITTMENGEVVILWKDFWKIFD LEGNGREESLRKWMDPKLENFYPIDNAL
SEQ32	VVLLIELLTGKKAITTMENGEVVILWKDFWKIFD LEGNGREERLRKWMDPKLESFYPIDNAL *:*****:***:***:*****:*****:*****:*****:***:***
SEQ40	SLASLAVNCADKSLSRPTIAEIVLSSL TQPS-ATLERSLTSSGLDVEATQIVTSIS
SEQ48	SLASLAVNCADKSLSRPTIAEIVLSSL TQPS-ATLERSLTSSGLDVEATQIVTSIA
SEQ/8	SLASLAVNCADKSLSRPSMAEIVLSSL TQQSNPTLERSLTSSGLDVEDDAHITSIT
SEQ15	SLASLAVNCADKSLSRPSIAEIVLCL SLLNQSSSEPMLERSLTS-GLDVEATHVVTSIV
SEQ32	SLASLAVNCADKSLSRPTIAEIVLCL SLLNQPSSEPMMLERSLTS-GLDAEATHVVTSV- *****:*****.***:.*. . *****.***. . :***:
SEQ40	AR 75% identity
SEQ48	AR 77% identity
SEQ/8	AR 100% identity
SEQ15	-- 75% identity
SEQ32	-- 74% identity

KEY

- * = identical residues
- : = conserved substitutions
- . = semi-conserved substitutions (isosteric)